



## **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/070,587  
Source: PCT10  
Date Processed by STIC: 9/9/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

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**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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# Raw Sequence Listing Error Summary

PCT10

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 10/070,587

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics  
    Wrapped Aminos  
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2      Invalid Line Length  
The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3      Misaligned Amino  
    Numbering  
The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4      Non-ASCII  
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5      Variable Length  
Sequence(s)          contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6      PatentIn 2.0  
    "bug"  
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)         . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7      Skipped Sequences  
    (OLD RULES)  
Sequence(s)          missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8      Skipped Sequences  
    (NEW RULES)  
Sequence(s)          missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9 ✓ Use of n's or Xaa's  
    (NEW RULES)  
Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.
- 10      Invalid <213>  
    Response  
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11      Use of <220>  
Sequence(s)          missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12      PatentIn 2.0  
    "bug"  
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13      Misuse of n  
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



**Does Not Comply**  
**Corrected Diskette Needed**

PCT10

**RAW SEQUENCE LISTING**

DATE: 09/09/2002

PATENT APPLICATION: US/10/070,587

TIME: 16:22:43

Input Set : A:\VOS-30 - Sequence Listing.txt

Output Set: N:\CRF3\09092002\J070587.raw

3 <110> APPLICANT: Epidauros Biotechnologie AG  
 5 <120> TITLE OF INVENTION: Polymorphisms in the human CYP3A4 and CYP3A7 genes and  
 6 their use in diagnostic and therapeutic applications  
 8 <130> FILE REFERENCE: D 2145 PCT  
 10 <140> CURRENT APPLICATION NUMBER: US 10/070,587  
 11 <141> CURRENT FILING DATE: 02002-03-08  
 13 <150> PRIOR APPLICATION NUMBER: EP 99 11 8120.7  
 14 <151> PRIOR FILING DATE: 1999-09-10  
 16 <160> NUMBER OF SEQ ID NOS: 172  
 18 <170> SOFTWARE: PatentIn Ver. 2.1

**ERRORED SEQUENCES**

1583 <210> SEQ ID NO: 129  
 1584 <211> LENGTH: 17  
 1585 <212> TYPE: PRT  
 1586 <213> ORGANISM: Homo sapiens  
 1588 <400> SEQUENCE: 129  
 E--> 1589 Xaa Phe Cys Met Phe Asp Met Glu Cys His Lys Lys Tyr Gly Lys Val  
 1590 1 5 10 15  
 1592 Trp  
 1880 <210> SEQ ID NO: 139  
 1881 <211> LENGTH: 75  
 1882 <212> TYPE: PRT  
 1883 <213> ORGANISM: Homo sapiens  
 1885 <400> SEQUENCE: 139  
 1886 Ala Pro Pro Thr Tyr Asp Thr Val Leu Gln Met Glu Tyr Leu Asp Met  
 1887 1 5 10 15  
 1889 Val Val Asn Glu Thr Leu Arg Leu Phe Pro Ile Ala Met Arg Leu Glu  
 1890 20 25 30  
 1892 Arg Val Cys Lys Lys Asp Val Glu Ile Asn Gly Met Phe Ile Pro Lys  
 1893 35 40 45  
 1895 Gly Trp Val Val Met Ile Pro Ser Tyr Ala Leu His Arg Asp Pro Lys  
 1896 50 55 60  
 E--> 1898 Tyr Trp Xaa Glu Pro Glu Lys Phe Leu Pro Glu  
 1899 65 70 75  
 2568 <210> SEQ ID NO: 172  
 2569 <211> LENGTH: 10  
 2570 <212> TYPE: PRT  
 2571 <213> ORGANISM: Homo sapiens  
 2573 <400> SEQUENCE: 172  
 2574 Pro Val Thr Leu Lys His Val Phe Gly Ala

→ must explain Xaa. See error  
 summary sheet item 9.

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/070,587

DATE: 09/09/2002

TIME: 16:22:43

Input Set : A:\VOS-30 - Sequence Listing.txt

Output Set: N:\CRF3\09092002\J070587.raw

	2575	1	5	10
E-->	2578	12		
E-->	2581	41		

*delete*

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/070,587

DATE: 09/09/2002

TIME: 16:22:44

Input Set : A:\VOS-30 - Sequence Listing.txt

Output Set: N:\CRF3\09092002\J070587.raw

L:11 M:256 W: Invalid Numeric Header Field, Wrong Current FILING DATE:YYYY-MM-DD  
L:1571 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:128  
L:1571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:128  
L:1589 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:129  
L:1874 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:138  
L:1874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:138  
L:1898 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:139  
L:2578 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:172  
M:332 Repeated in SeqNo=172